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22 January 1957

SAPC	12782
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Dear Dick:

We are forwarding herewith eight copies of Monthly Progress Letter No. 18, covering the work performed on System No. 3 during the period extending from 4 December 1957 to 4 January 1957.

Sincerely,

Burt.

Burt

Enclosures:

CMCC Doc. No. 163X5.27

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Monthly Progress Letter No. 18

Contract No. A-101

System 3

4 December 1956 to 4 January 1957

CMCC Document No. 163X5.27

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(This document contains a total of 3 sheets,
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1. General

During the interval covered by this letter, the major effort was directed toward improving systems production.

2. Production Status

- a. Two systems, and a set of spare assemblies were delivered during this report interval, and preliminary work, necessary for the production of systems beyond the 11 systems originally planned, has been undertaken.
- b. The rate of production has been slowed by the necessity for making certain minor changes indicated by shake-down experience acquired on initial systems. These changes will be completed sometime within the next few weeks and should result in an acceleration of the production rate.

3. Shock and Vibration Tests

A production model of the system was subjected to shock tests and no defects were revealed. A mounting base is being prepared for vibration tests.

4. System Installation and Flight Test

A system was installed and checked in the operational vehicle on 5 December 1956. The test proved successful except for an intermittent recording condition in one of the three channels of the magnetic tape recorder. This fault was traced to a loose strand at the connector of the airborne recorder and corrected.

5. System Improvements

Improvements in the cabling harness on the chassis plate of System 3 are being tested. The evaluation will be completed within the next report period.

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6. Planning

During the next reporting interval, the major effort will be directed toward completing the changes referred to above and expediting the inclusion of these changes during production.

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